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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=3; day=12; hr=11; min=2; sec=14; ms=883;]

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Reviewer Comments:

E287 Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <141>

E287 Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <151>

E287 Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <151>

<140> 10/565,646

<141> March 24, 2006

<150> PCT/FR2004/001952

<151> July 22, 2004

<150> FR/09161

<151> July 25, 2003

Please change the format of the dates above to (YYYY-MM-DD).

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<211> 648

<212> PRT

<213> Bos taurus

<400> 6

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Ser Gln Ser Tyr Val Pro Leu Ala His Ser Ser Ser Ala Phe Thr Ile

195

200

205

Thr Asp Gln Val Pro Phe Ser Val Ser Val Ser Gln Leu Gln Ala Leu 210
215 220

Asp Gly Arg Asn Lys Arg Phe Leu Arg Lys Gln Pro Leu Thr Phe Ala
225 230 235 240

"The enumeration of amino acids shall start at the first amino acid as number 1. It shall be marked below the sequence every 5 amino acids. SEQ ID # 6 amino acid number 210 is not in the correct location. Please make all necessary changes.

Application No: 10565646 Version No: 2.0

Input Set:

Output Set:

Started: 2009-02-05 20:45:13.750
 Finished: 2009-02-05 20:47:46.221
 Elapsed: 0 hr(s) 2 min(s) 32 sec(s) 471 ms
 Total Warnings: 21
 Total Errors: 335
 No. of SeqIDs Defined: 11
 Actual SeqID Count: 11

Error code	Error Description
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <141>
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD)in <151>
E 287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD)in <151>
E 201	Mandatory field data missing in <223> in SEQ ID (1)
E 201	Mandatory field data missing in <223> in SEQ ID (1)
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E 201	Mandatory field data missing in <223> in SEQ ID (1)
E 320	Wrong Nucleic Acid Designator, ga in SEQID (1)
E 320	Wrong Nucleic Acid Designator, gt in SEQID (1)
E 320	Wrong Nucleic Acid Designator, gg in SEQID (1)
E 320	Wrong Nucleic Acid Designator, ac in SEQID (1)
E 320	Wrong Nucleic Acid Designator, gc in SEQID (1)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (6764)

Error code	Error Description
E 320	Wrong Nucleic Acid Designator, gg in SEQID (1)
E 320	Wrong Nucleic Acid Designator, gg in SEQID (1)
E 320	Wrong Nucleic Acid Designator, ag in SEQID (1)
E 201	Mandatory field data missing in <223> in SEQ ID (3)
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E 320	Wrong Nucleic Acid Designator, ga in SEQID (3)
E 320	Wrong Nucleic Acid Designator, gt in SEQID (3)
E 320	Wrong Nucleic Acid Designator, gg in SEQID (3)
E 322	CDS location out of range SEQID (3) At Protein count (157)
E 259	Found undefined lettercode; POS (4557) SEQID(3)
E 259	Found undefined lettercode; POS (4558) SEQID(3)
E 259	Found undefined lettercode; POS (4559) SEQID(3)
E 259	Found undefined lettercode; POS (4560) SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4616, Calculated : 4620 SEQID(3)

Input Set:

Output Set:

Started: 2009-02-05 20:45:13.750

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Total Warnings: 21

Total Errors: 335

No. of SeqIDs Defined: 11

Actual SeqID Count: 11

Error code	Error Description
E 254	The total number of bases conflicts with running total, Input: 4676, Calculated : 4680 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4734, Calculated : 4738 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4782, Calculated : 4786 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4830, Calculated : 4834 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4878, Calculated : 4882 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4926, Calculated : 4930 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 4974, Calculated : 4978 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5022, Calculated : 5026 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5070, Calculated : 5074 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5118, Calculated : 5122 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5166, Calculated : 5170 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5214, Calculated : 5218 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5262, Calculated : 5266 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5310, Calculated : 5314 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5358, Calculated : 5362 SEQID(3)

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Actual SeqID Count: 11

Error code	Error Description
E 254	The total number of bases conflicts with running total, Input: 5406, Calculated : 5410 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5463, Calculated : 5467 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5523, Calculated : 5527 SEQID(3)
E 254	The total number of bases conflicts with running total, Input: 5583, Calculated : 5587 SEQID(3) This error has occurred more than 20 times, will not be displayed
E 320	Wrong Nucleic Acid Designator, gc in SEQID (3)
E 322	CDS location out of range SEQID (3) At Protien count (476)
E 323	Invalid/missing amino acid numbering SEQID (3) POS (6768)
E 322	CDS location out of range SEQID (3) At Protien count (505)
E 320	Wrong Nucleic Acid Designator, gg in SEQID (3)
E 322	CDS location out of range SEQID (3) At Protien count (573)
E 320	Wrong Nucleic Acid Designator, gg in SEQID (3)
E 322	CDS location out of range SEQID (3) At Protien count (603)
E 320	Wrong Nucleic Acid Designator, ag in SEQID (3)
E 322	CDS location out of range SEQID (3) At Protien count (649)
E 253	The number of bases differs from <211> Input: 8146
E 323	Invalid/missing amino acid numbering SEQID (5) POS (2323)
E 320	Wrong Nucleic Acid Designator, ga in SEQID (5)
E 320	Wrong Nucleic Acid Designator, gt in SEQID (5)
E 323	Invalid/missing amino acid numbering SEQID (5) POS (4694)
E 320	Wrong Nucleic Acid Designator, ac in SEQID (5)

Input Set:

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Started: 2009-02-05 20:45:13.750
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Total Warnings: 21
Total Errors: 335
No. of SeqIDs Defined: 11
Actual SeqID Count: 11

Error code	Error Description
E 320	Wrong Nucleic Acid Designator, gc in SEQID (5)
E 320	Wrong Nucleic Acid Designator, ag in SEQID (5) This error has occurred more than 20 times, will not be displayed
W 112	Upper case found in data; Found at position(0) SeqId(6)
W 112	Upper case found in data; Found at position(3) SeqId(6)
E 259	Found undefined lettercode; POS (6) SEQID(6)
W 112	Upper case found in data; Found at position(6) SeqId(6)
E 259	Found undefined lettercode; POS (8) SEQID(6)
E 342	'n' position not defined found at POS: 9 SEQID(6)
W 112	Upper case found in data; Found at position(9) SeqId(6)
E 259	Found undefined lettercode; POS (12) SEQID(6)
W 112	Upper case found in data; Found at position(12) SeqId(6)
E 259	Found undefined lettercode; POS (15) SEQID(6)
W 112	Upper case found in data; Found at position(15) SeqId(6)
E 259	Found undefined lettercode; POS (18) SEQID(6)
W 112	Upper case found in data; Found at position(18) SeqId(6)
E 259	Found undefined lettercode; POS (20) SEQID(6)
W 112	Upper case found in data; Found at position(21) SeqId(6)
E 259	Found undefined lettercode; POS (24) SEQID(6)
W 112	Upper case found in data; Found at position(24) SeqId(6)
E 259	Found undefined lettercode; POS (26) SEQID(6)
W 112	Upper case found in data; Found at position(27) SeqId(6)
E 259	Found undefined lettercode; POS (30) SEQID(6)

Input Set:

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Started: 2009-02-05 20:45:13.750
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Total Warnings: 21
Total Errors: 335
No. of SeqIDs Defined: 11
Actual SeqID Count: 11

Error code	Error Description
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E 259	Found undefined lettercode; POS (32) SEQID(6)
W 112	Upper case found in data; Found at position(33) SeqId(6)
E 259	Found undefined lettercode; POS (35) SEQID(6)
E 342	'n' position not defined found at POS: 36 SEQID(6)
W 112	Upper case found in data; Found at position(36) SeqId(6)
E 259	Found undefined lettercode; POS (38) SEQID(6)
W 112	Upper case found in data; Found at position(39) SeqId(6)
E 259	Found undefined lettercode; POS (41) SEQID(6)
E 342	'n' position not defined found at POS: 42 SEQID(6)
W 112	Upper case found in data; Found at position(42) SeqId(6)
E 259	Found undefined lettercode; POS (44) SEQID(6)
W 112	Upper case found in data; Found at position(45) SeqId(6)
E 259	Found undefined lettercode; POS (47) SEQID(6)
E 259	Found undefined lettercode; POS (49) SEQID(6) This error has occurred more than 20 times, will not be displayed
E 323	Invalid/missing amino acid numbering SEQID (6) POS (209)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (210)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (214)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (215)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (219)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (220)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (224)

Input Set:

Output Set:

Started: 2009-02-05 20:45:13.750
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Actual SeqID Count: 11

Error code	Error Description
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (225)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (229)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (230)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (234)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (235)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (239)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (240)
E 323	Invalid/missing amino acid numbering SEQID (6) POS (244)
E 323	Invalid/missing amino acid numbering SEQID (6)at Protein (245) This error has occurred more than 20 times, will not be displayed
E 331	Count of Protein differs from the <211> tag Input: 648
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)

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Oulmouden, Ahmad
Julien, Raymond
Lafort, Marie-Piere,
Leveziel, Hubert

<120> USE OF THE SILVER GENE FOR THE AUTHENTICATION OF
THE ORIGINAL BREED OF ANIMAL POPULATIONS AND
THEIR DERIVATIVE PRODUCTS

<130> 0508-1156

<140> 10565646

<141> 2006-03-24

<150> PCT/FR2004/001952

<151> July 22, 2004

<150> FR/09161

<151> July 25, 2003

<160> 11

<170> PatentIn version 3.1

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 Leu Leu His Val Ala Leu Met Gly Val Leu Leu Ala Val Gly Thr Thr
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 Glu
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Gln Val Pro Phe Ser Val Ser Val Ser Gln Leu Gln Ala Leu Asp Gly	
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Arg Asn Lys Arg Phe Leu Arg Lys Gln Pro Leu Thr Phe Ala Leu Gln	
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ctc cat gat ccc agt ggc tat ttg gct ggg gct gac ctt tcc tac acc	4878
Leu His Asp Pro Ser Gly Tyr Leu Ala Gly Ala Asp Leu Ser Tyr Thr	
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tgg gac ttt ggt gac agt aca ggg acc ctg atc tct cgg gca ctc acg	4926
Trp Asp Phe Gly Asp Ser Thr Gly Thr Leu Ile Ser Arg Ala Leu Thr	
260 265 270 275	
gtc act cac act tac cta gag tct ggc cca gtc act gca cag gtg gtg	4974
Val Thr His Thr Tyr Leu Glu Ser Gly Pro Val Thr Ala Gln Val Val	
280 285 290	
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Leu Gln Ala Ala Ile Pro Leu Thr Ser Cys Gly Ser Ser Pro Val Pro	
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Gly Thr Thr Asp Arg His Val Thr Thr Ala Glu Ala Pro Gly Thr Thr	
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Ala Gly Gln Val Pro Thr Thr Glu Val Met Gly Thr Thr Pro Gly Gln	
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Val Pro Thr Ala Glu Ala Pro Gly Thr Thr Val Gly Trp Val Pro Thr	
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Thr Glu Asp Val Gly Thr Thr Pro Glu Gln Val Ala Thr Ser Lys Val	
360 365 370	
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Leu Ser Thr Thr Pro Val Glu Met Pro Thr Ala Lys Ala Thr Gly Arg	
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aca cct gaa gtg tca act aca gag ccc tct gga acc aca gtt aca cag	5310
Thr Pro Glu Val Ser Thr Thr Glu Pro Ser Gly Thr Thr Val Thr Gln	
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Gly Thr Thr Pro Glu Leu Val Glu Thr Thr Ala Gly Glu Val Ser Thr	
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Pro Glu Pro Ala Gly Ser Asn Thr Ser Ser Phe Met Pro Thr Glu Gly
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Thr Leu Val Leu Glu Lys Arg Gln Ala Pro Leu Asp Cys Val Leu Tyr
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Leu Pro Lys Glu Ala

510

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Cys Met Asp Ile Ser Ser Pro Gly Cys Gln Leu Pro Ala Gln Arg Leu
515 520 525

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Cys Gln Pro Val Pro Pro Ser Pro Ala Cys Gln Leu Val Leu His Gln
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Val Leu Lys Gly Gly Ser Gly Thr Tyr Cys Leu Asn Val Ser Leu Ala
545 550 555

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Ala Gly Leu Arg Gln Ala Pro Leu Phe Val Gly Ile Leu Leu Val Leu
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Thr Ala Leu Leu Leu Ala Ser Leu Ile Tyr Arg
595 600

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